

09904327\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09904327 on September 27, 2004

Original Classifications

4	704/233
4	704/256
3	704/234
3	704/239
3	704/241
3	704/243
2	704/200
2	704/220
2	704/223
2	704/230
2	704/231
2	704/236
2	704/238
2	704/254

Cross-Reference Classifications

9	704/222
5	704/219
5	704/256
4	704/226
3	704/243
3	704/251
3	704/254
2	704/205
2	704/223
2	704/224
2	704/225
2	704/231
2	704/233
2	704/236
2	704/241
2	704/244
2	704/252
2	704/255

Combined Classifications

10	704/222
9	704/256
6	704/219
6	704/233
6	704/243
5	704/226
5	704/241

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5	704/254
4	704/223
4	704/231
4	704/234
4	704/236
4	704/239
4	704/251
3	704/220
3	704/238
3	704/244
2	704/200
2	704/200.1
2	704/205
2	704/211
2	704/224
2	704/225
2	704/227
2	704/230
2	704/249
2	704/252
2	704/255

09904327\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09904327 on September 27, 2004

- 10 704/222 (1 OR, 9 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
 COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/201 .For storage or transmission  
 704/221 ..Pattern matching vocoders  
 704/222 ...Vector quantization
- 9 704/256 (4 OR, 5 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
 COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/231 .Recognition  
 704/251 ..Word recognition  
 704/255 ...Specialized models  
 704/256 ....Markov
- 6 704/219 (1 OR, 5 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
 COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/201 .For storage or transmission  
 704/219 ..Linear prediction
- 6 704/233 (4 OR, 2 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
 COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/231 .Recognition  
 704/233 ..Detect speech in noise
- 6 704/243 (3 OR, 3 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

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                                09904327_CLSTITLES
                                COMPRESSION/DECOMPRESSION
704/200    SPEECH SIGNAL PROCESSING
704/231    .Recognition
704/243    ..Creating patterns for matching

5  704/226    (1 OR, 4 XR)
    Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                COMPRESSION/DECOMPRESSION
704/200    SPEECH SIGNAL PROCESSING
704/201    .For storage or transmission
704/226    ..Noise

5  704/241    (3 OR, 2 XR)
    Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                COMPRESSION/DECOMPRESSION
704/200    SPEECH SIGNAL PROCESSING
704/231    .Recognition
704/236    ..Specialized equations or comparisons
704/241    ...Dynamic time warping

5  704/254    (2 OR, 3 XR)
    Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                COMPRESSION/DECOMPRESSION
704/200    SPEECH SIGNAL PROCESSING
704/231    .Recognition
704/251    ..Word recognition
704/254    ...Subportions

4  704/223    (2 OR, 2 XR)
    Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                COMPRESSION/DECOMPRESSION
704/200    SPEECH SIGNAL PROCESSING
704/201    .For storage or transmission
704/221    ..Pattern matching vocoders
704/223    ...Excitation patterns

4  704/231    (2 OR, 2 XR)
    Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

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 COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/231 .Recognition

4 704/234 (3 OR, 1 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/231 .Recognition  
 704/234 ..Normalizing

4 704/236 (2 OR, 2 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/231 .Recognition  
 704/236 ..Specialized equations or comparisons

4 704/239 (3 OR, 1 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/231 .Recognition  
 704/236 ..Specialized equations or comparisons  
 704/239 ...Similarity

4 704/251 (1 OR, 3 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/231 .Recognition  
 704/251 ..Word recognition

3 704/220 (2 OR, 1 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/201 .For storage or transmission

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704/220 ..Analysis by synthesis

3 704/238 (2 OR, 1 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/231 .Recognition

704/236 ..Specialized equations or comparisons

704/238 ...Distance

3 704/244 (1 OR, 2 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/231 .Recognition

704/243 ..Creating patterns for matching

704/244 ...Update patterns

2 704/200 (2 OR, 0 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

2 704/200.1 (1 OR, 1 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/200.1 .Psychoacoustic

2 704/205 (0 OR, 2 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/201 .For storage or transmission

704/205 ..Frequency

2 704/211 (1 OR, 1 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,

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LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/201 .For storage or transmission  
704/211 ..Time

2 704/224 (0 OR, 2 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/201 .For storage or transmission  
704/224 ..Normalizing

2 704/225 (0 OR, 2 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/201 .For storage or transmission  
704/225 ..Gain control

2 704/227 (1 OR, 1 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/201 .For storage or transmission  
704/226 ..Noise  
704/227 ...Pretransmission

2 704/230 (2 OR, 0 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/201 .For storage or transmission  
704/230 ..Quantization

2 704/249 (1 OR, 1 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

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 COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/231 .Recognition  
 704/246 ..Voice recognition  
 704/249 ...Subportions

2 704/252 (0 OR, 2 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/231 .Recognition  
 704/251 ..Word recognition  
 704/252 ...Preliminary matching

2 704/255 (0 OR, 2 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/231 .Recognition  
 704/251 ..Word recognition  
 704/255 ...Specialized models